

A Fabulous Project with DAP® Rapid Fuse™ Wood Adhesive

Build a DIY Three Tier Wood Stand for Candles, Flowers, etc.

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I am so excited about this project! Not only did I get to create a plan to build a DIY three tier wood stand, I also got to try RapidFuse™ Wood Adhesive, a new product from DAP®. This product is so amazing and will be my new go-to adhesive for a lot of my woodworking projects!



DAP® Products, Inc. is based in the USA and is a trusted leader in caulks, sealants and adhesives for more than 150 years. After just 30 minutes of drying time, [DAP® RapidFuse™ Wood Adhesive](#) can be planed, sanded and stained with no damage to the bond. The joints are strong and water resistant, and RapidFuse™ is suitable for interior or exterior applications. Plus, it does not require an activator and is repositionable for up to 3 minutes. Trust me when I say RapidFuse™ Wood Adhesive came in really handy when gluing all of those wood

beads in place! DAP® RapidFuse™ Wood Adhesive can be purchased at most home improvement stores.

DIY Three-Tier Wood Stand



Materials:

- 3/8" dowel pins, at 1-1/2" long
- DAP® Rapid Fuse™ Wood Adhesive
- 3/8" wood balls
- Wood Finial with a 3/8" post
- 6" wood base
- 1" felt pads
- Sandpaper (100, 150, 220 grits)
- Finishing supplies (primer & paint, or stain, sealer)

Tools Needed:

- Miter saw or handsaw
- Jigsaw or Bandsaw
- Drill with a 3/8" drill bit
- Sander

Lumber:

- 1 – 2' x 2' sheet of 1/2" plywood
- 1 – 1" round dowel rod at 3'

Cut List:

- 3 – 1" round dowels at 7"
- 1 – 1" round dowel at 2"
- 1 – 1/2" plywood circle at 12" in diameter
- 1 – 1/2" plywood circle at 9-1/2" in diameter
- 1 – 1/2" plywood circle at 8" in diameter

Step One

Draw the circles on the sheet of plywood and cut them out with a jigsaw. They can also be cut out using a jig and a bandsaw. Drill a 3/8" hole all the way through the center of each circle.

Step Two

Cut the pieces of 1" round dowel rod. Drill a 3/8" hole (approximately 1/2" deep) in the center of each end of the dowel pieces.



Step Three

Drill a 3/8" hole in the center of the wood base. Use a

handsaw to cut one of the dowel pins to approximately 1-1/4" long. Insert one end of the dowel pin into one end of the 2" long piece of round dowel. Apply a thin bead of RapidFuse™ Wood Adhesive around the dowel pin on the bottom of the dowel, then position the round dowel piece on the base (with the other end of the dowel pin in the hole). Let the RapidFuse™ set.

Apply a thin bead of RapidFuse™ along the edge of the base and secure the wood balls in place. The base I used has a routed edge and the balls fit perfectly inside.





Step Four

Insert a dowel pin into one end of each round dowel piece. Insert the finial into the end of one of the round dowel pieces (opposite the dowel pin). This will be the top piece.

Apply a thin bead of RapidFuse™ around the dowel pin on the bottom of the round dowel piece then insert the dowel pin through the hole in the 8" round plywood piece. Allow the RapidFuse™ to dry. Apply a thin bead of RapidFuse™ to the open end (the end opposite the dowel pin) of another round dowel piece, then insert the dowel pin that is sticking out from the bottom of the 8" circle seating the dowel rod firmly against the bottom of the circle. Repeat with the 9-1/2" circle and ending with the 12" circle, layering the pieces and ending at the base.

I also used RapidFuse™ to secure a few of the wood balls around the bottom of the finial where it meets the round dowel.





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Finish the stand as desired. I used a dark brown stain to give the stand a rustic look. Add the felt pads to the bottom of the base.



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I really love the RapidFuse™ Wood Adhesive and can't wait to use it in other projects. It set up very quickly and made the joins very strong on the cake stand. Have any questions on how to build a DIY three tier wood stand? Have you used RapidFuse™ Wood Adhesive? Leave a comment below! For more info, connect with [DAP Facebook](#)!

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